

This e-mail is supported by NAVFAC's Alternative Restoration Technology Team (ARTT) to provide links to Technology Transfer (T2) tools and the latest information on policies, guidance, and training related to innovative technologies. The T2 topics highlighted in this issue will help support the ARTT's chartered goals of promoting the use of innovative technologies, removing barriers to implementing new technologies, and reducing cleanup costs, while remaining protective of the environment and human health.

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## New SiteWise™ Version 3.1 and User Guide

SiteWise is an Excel-based remedy selection and optimization tool for green and sustainable remediation (GSR) planners. The use of SiteWise is required per Department of the Navy (DON) optimization policy at key steps in the remedy evaluation, selection, and implementation process. The software and companion guidance were recently updated with modules for sediment remediation

SEDIMENT CAPPING	Equipment 1	Equipment 2	Equ
Choose capping method from drop down menu	Surface Release	Pipeline Placement	Surfa
Choose capping equipment fuel type from drop down menu	Diesel	Diesel	
Input volume of capping material to be placed (yd3)			
Choose capping equipment size/type	Hopper Barge	Hydraulic Dredge Head, 15'	Hop
Suggested capping equipment size/type	Hopper Barge	Hydraulic Dredge Head, 15'	Hop
Input number of dredge tenders (hr) (default already present, user override possible)	1	Hydraulic Dredge Head, 25'	
Choose tender fuel type from drop down menu	Diesel	Diesel	
Input operating time for dredge tenders (hr) (default calculated value, user override possible)	0	0	
Input number of scow tenders (default already present, user override possible)	0	0	
Choose scow tender fuel type from drop down menu	Diesel	Diesel	
Input operating time for scow tenders (hr) (default calculated value, user override possible)	0	0	
Choose size of research vessel from drop down menu	Light Craft (small)	Light Craft (medium)	research
Choose research vessel fuel type from drop down menu	Diesel	Diesel	
Input number of research vessels (default already present, user override possible)	1	1	
Input operating time for research vessels (hr) (default calculated value, user override possible)	0	0	
Will DIESEL-run equipment be retrofitted with a particulate reduction technology?	No	No	
WATERCRAFT OPERATION	Equipment 1	Equipment 2	Equ
Choose size of research vessel from drop down menu	Light Craft (medium)	research Vessel (large)	research
Choose research vessel fuel type from drop down menu	Diesel	Diesel	
Input number of vessels			
Input operation time (hours)			

technologies including dredging, capping, and monitored natural recovery. The updated guide includes instructions for using SiteWise and the basis of calculations. The updated tool will aid in evaluating the unique aspects of sediment remedies using GSR metrics. Visit the GSR Web page at the link below under "Tools" to view the new software and guidance.

### New SiteWise Version 3.1 posted under "Tools" on GSR Web Page

[http://www.navy.mil/navfac\\_worldwide/specialty\\_centers/exwc/products\\_and\\_services/ev/erb/gsr.html](http://www.navy.mil/navfac_worldwide/specialty_centers/exwc/products_and_services/ev/erb/gsr.html)

## NAVFAC Sustainable Sediment Remediation Report

To date, most GSR evaluations have been focused on terrestrial sites with soil and/or groundwater contamination issues. Sediment sites are an important issue for the Navy; however, existing optimization and GSR guidance is not specifically aimed at contaminated sediment issues. This report provides a connection between existing Department of the Navy (DON) optimization and GSR guidance and DON guidance pertaining to contaminated sediment sites. Case studies are presented to demonstrate the application of GSR at Navy sediment sites and the use of SiteWise Version 3.1 to aid in the selection of more sustainable sediment remedies.

Click [here](#) to view the document on the T2 webpage (under handbooks).

